

United States Government

Department of Energy

Office of River Protection

memorandum

DATE: February 23, 2006
REPLY TO
ATTN OF: 06-ORP-011 Chairman, Federal Technical Capability Panel
SUBJECT: QUARTERLY REPORT ON FEDERAL TECHNICAL CAPABILITY

TO: Distribution – See Attached

This Quarterly Report on the Federal Technical Capability Program (FTCP) contains information on the status of qualifications in the Technical Qualification Program (TQP) and technical skill gaps as of December 31, 2005.

Attachment 1 provides the Status of Qualifications in the TQP. The U.S. Department of Energy (DOE) goal is to exceed an 80% fully qualified rate for all personnel in the TQP. Currently, the DOE qualification rate is 82%, a slight decrease from last quarter due to the addition of 24 new people to the TQP. Ten of 20 offices meet the 80% qualified goal. A second goal is that there will be no personnel participating in the TQP who are overdue in their qualifications. The number of personnel overdue in their qualifications dropped slightly from 15 last quarter to 13.

Attachment 2 provides the status of qualifications for Safety System Oversight (SSO) personnel. These personnel are responsible for oversight of safety systems in nuclear facilities. Qualification requirements were established in May 2004 with the issuance of DOE Manual 426.1-1A, *Federal Technical Capability Manual*. As of December 31, 2005, sites identified 89 SSO personnel, of which 40 are fully qualified, up from 33 last quarter.

Attachment 3 provides charts of the status of qualification showing program trends.

If you have any questions or comments, please contact me, or your staff may contact John D. Evans (202) 586-3685.



Roy J. Schepens, Chairman
Federal Technical Capability Panel

Attachments (3):

1. Status of Qualifications in the TQP
2. Status of Qualifications for SSO Personnel
3. TQP Status Charts

Distribution
06-ORP-011

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February 23, 2006

cc w/attachs:
FTCP Agents
S. J. Coleman, INNOV
J. D. Evans, DR-1

Distribution:

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Manager, Pantex Site Office (PXSO)
Manager, Portsmouth/Paducah Project Office (PPPO)
Manager, Richland Operations Office (RL)
Manager, Sandia Site Office (SSO)
Manager, Savannah River Operations Office (SR)
Manager, Savannah River Site Office (SRSO)
Manager, Y-12 Site Office (YSO)

Status of Qualifications in the Technical Qualification Program (TQP)
December 31, 2005
Update Frequency: Quarterly

		OVERALL TQP QUALIFICATIONS (See Note 1)					
Office		Number of People in the TQP	Number Fully Qualified	Number Overdue	Percent Fully Qualified	80%?	Comments
<u>National Nuclear Security Administration (NNSA)</u>							
Los Alamos Site Office	LASO	68	35	2	51%		Projects 80% by September 2006
Livermore Site Office	LSO	41	24	0	59%		Projects 80% by December 2006 (Note 2)
Nevada Site Office	NSO	53	37	0	70%		Projects 80% by December 2006. (Note 3)
Pantex Site Office	PXSO	45	30	0	67%		Projects 80% by September 2006
Savannah River Site Office	SRSO	14	10	0	71%		Projects 80% by May 2006
Sandia Site Office	SSO	29	21	1	72%		Projects 80% by March 2006
Y-12 Site Office	YSO	48	41	0	85%	●	
NNSA Headquarters	NA-HQ	70	49	5	70%		Projects 80% by April 2006
NNSA Service Center	NA-SC	44	24	0	55%		Projects 80% by June 2006
NNSA Totals		412	271	8	66%		
<u>Environmental Management (EM)</u>							
Carlsbad Field Office	CBFO	12	11	0	92%	●	
Consolidated Business Center	CBC						New Addition to Report -- Data will be included next quarter
Ohio Field Office	OH	30	30	0	100%	●	
Office of River Protection	ORP	85	82	1	96%	●	
Portsmouth/Paducah Project Office	PPPO	22	13	0	59%		Projects 80% in CY2006 (Note 4)
Richland Operations Office	RL	101	101	0	100%	●	
Savannah River Ops. Office	SR	180	158	1	88%	●	
EM Headquarters	EM-HQ	12	11	0	92%	●	
EM Totals		442	406	2	92%	●	
<u>Others</u>							
Idaho Operations Office	NE-ID	116	97	0	84%	●	
Oak Ridge Operations Office	OR (SC)	176	160	3	91%	●	
Environment, Safety & Health	EH-HQ	62	62	0	100%	●	
Others Totals		354	319	3	90%	●	
DOE Total		1208	996	13	82%	●	
DOE Goals		-	-	0	80%		

Notes:

Note 1: SSO qualification status is not being included in the "Overall TQP Qualifications" status

Note 2: Livermore Site Office projection for 80% extended to September 2006 due to staff attrition, new hires, and reassignments

Note 3: New hires resulted in fully qualified percentage <80%

Note 4: The lower than 80% qualification is based on: 1) two newly-established positions not yet filled, and 2) new senior positions recently filled.

Status of Qualifications in the Safety System Oversight (SSO) Program

December 31, 2005

Update Frequency: Quarterly

OVERALL SAFETY SYSTEM OVERSIGHT (SSO) PERSONNEL QUALIFICATIONS (See Note 1)							
Office		Number of SSO Personnel Needed	Number SSO Personnel Onboard	Number SSO Fully Qualified	Number SSO Overdue	Percent Fully Qualified	Status of SSO Assessments (Initial and Follow-up)
National Nuclear Security Administration (NNSA)							
Los Alamos Site Office	LASO	6	2	0	0	0%	Initial & Final Assessments conducted. (Note 2)
Livermore Site Office	LSO	4	3	0	0	0%	Initial & Final Assessments conducted. (Note 3)
Nevada Site Office	NSO	7	7	0	0	0%	Initial Assessment conducted. Final Assessment conducted in December 2005.
Pantex Site Office	PXSO	4	4	3	0	75%	Initial & Final Assessments conducted.
Savannah River Site Office	SRSO	2	0	0	0	0%	Initial Assessment conducted. Final Assessment to be completed in early 2006. (Note 4)
Sandia Site Office	SSO	2	2	0	0	0%	Initial & Final Assessments conducted.
Y-12 Site Office	YSO	6	6	4	1	67%	Initial & Final Assessments conducted.
NNSA Headquarters	NA-HQ	0	0	0	0	0%	N/A
NNSA Service Center	NA-SC	0	0	0	0	0%	N/A
NNSA Totals		31	24	7	1	29%	
Environmental Management (EM)							
Carlsbad Field Office	CBFO	5	5	5	0	100%	Initial & Final Assessments conducted.
Ohio Field Office	OH	0	0	0	0	0%	N/A (Note 5)
Office of River Protection	ORP	15	15	4	0	27%	Initial & Final Assessments conducted.
Portsmouth/Paducah Project Office	PPPO	1	0	0	0	0%	New Addition to FTCP. (Note 6)
Richland Operations Office	RL	5	4	3	0	75%	Initial & Final Assessments conducted. (Note 7)
Savannah River Ops. Office	SR	21	19	17	0	89%	Initial & Final Assessments conducted.
EM Headquarters	EM-HQ	0	0	0	0	0%	N/A
EM Totals		47	43	29	0	67%	
Others							
Idaho Operations Office	NE-ID	7	6	4	0	67%	Initial & Final Assessments conducted.
Oak Ridge Operations Office	OR (SC)	4	2	0	0	0%	Initial & Final Assessments conducted. (Note 8)
Environment, Safety & Health	EH-HQ	0	0	0	0	0%	N/A
Others Totals		11	8	4	0	50%	
DOE Total		89	75	40	1	53%	
DOE Goals							

Notes:

Note 1: SSO Qualification Status is not being included in the "Overall TQP Qualifications" status

Note 2: LASO plans to fill 3 SSO positions. The remaining 3 will be filled using NNSA Service Center personnel.

Note 3: LSO reorganized its SSO program during the quarter to move to full-time SSO assignments, thus the change in the number of personnel needed and onboard from the last quarterly report. Recruit action for the open position is in progress.

Note 4: Received approval to hire 1 SSO person. Other SSO duties being performed part-time by existing personnel.

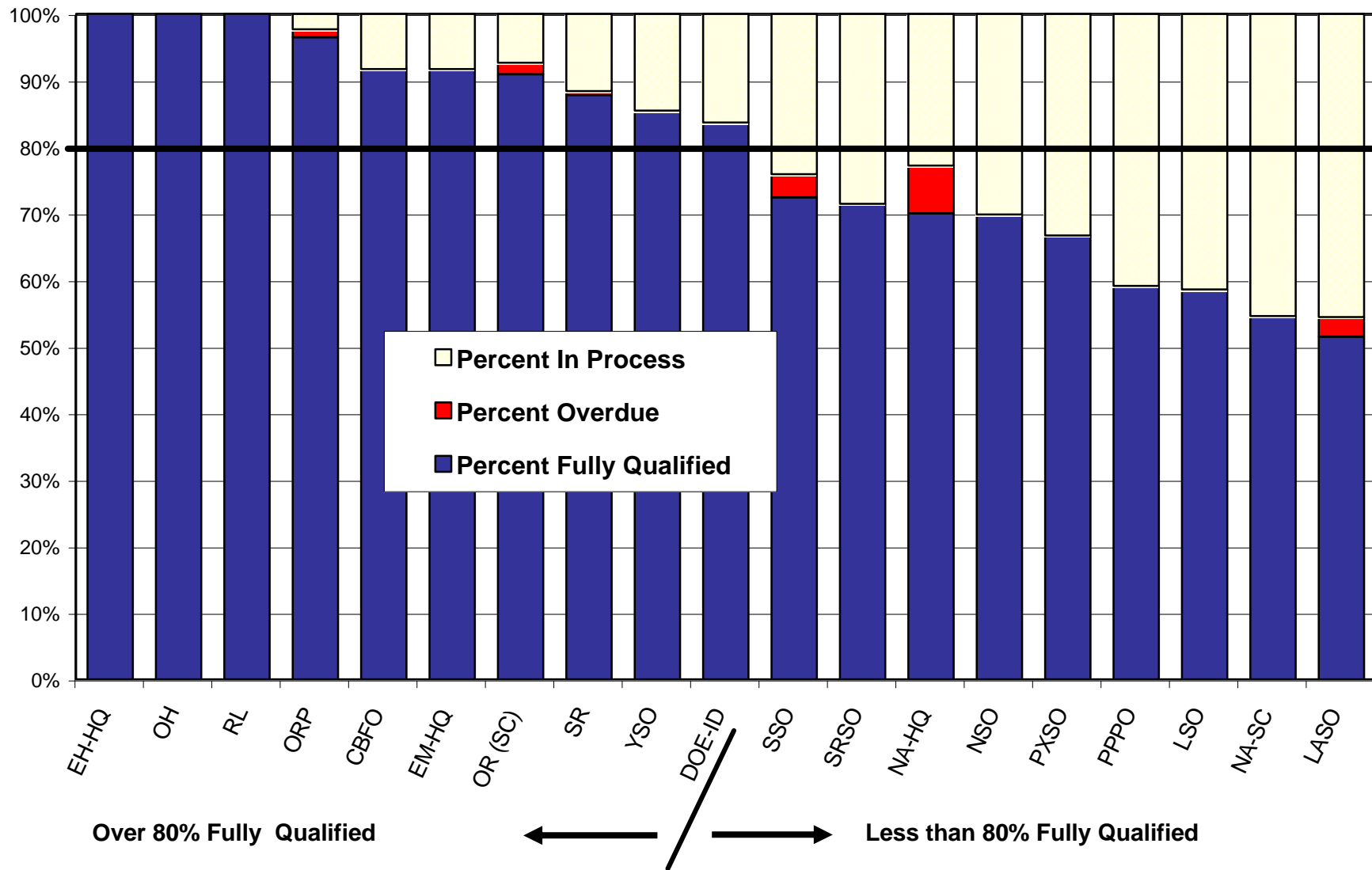
Note 5: Ohio is a closure site, and no longer has safety systems.

Note 6: PPPO posted but did not fill the SSO position in FY 2005. PPPO will repost in FY 2006 at a higher grade.

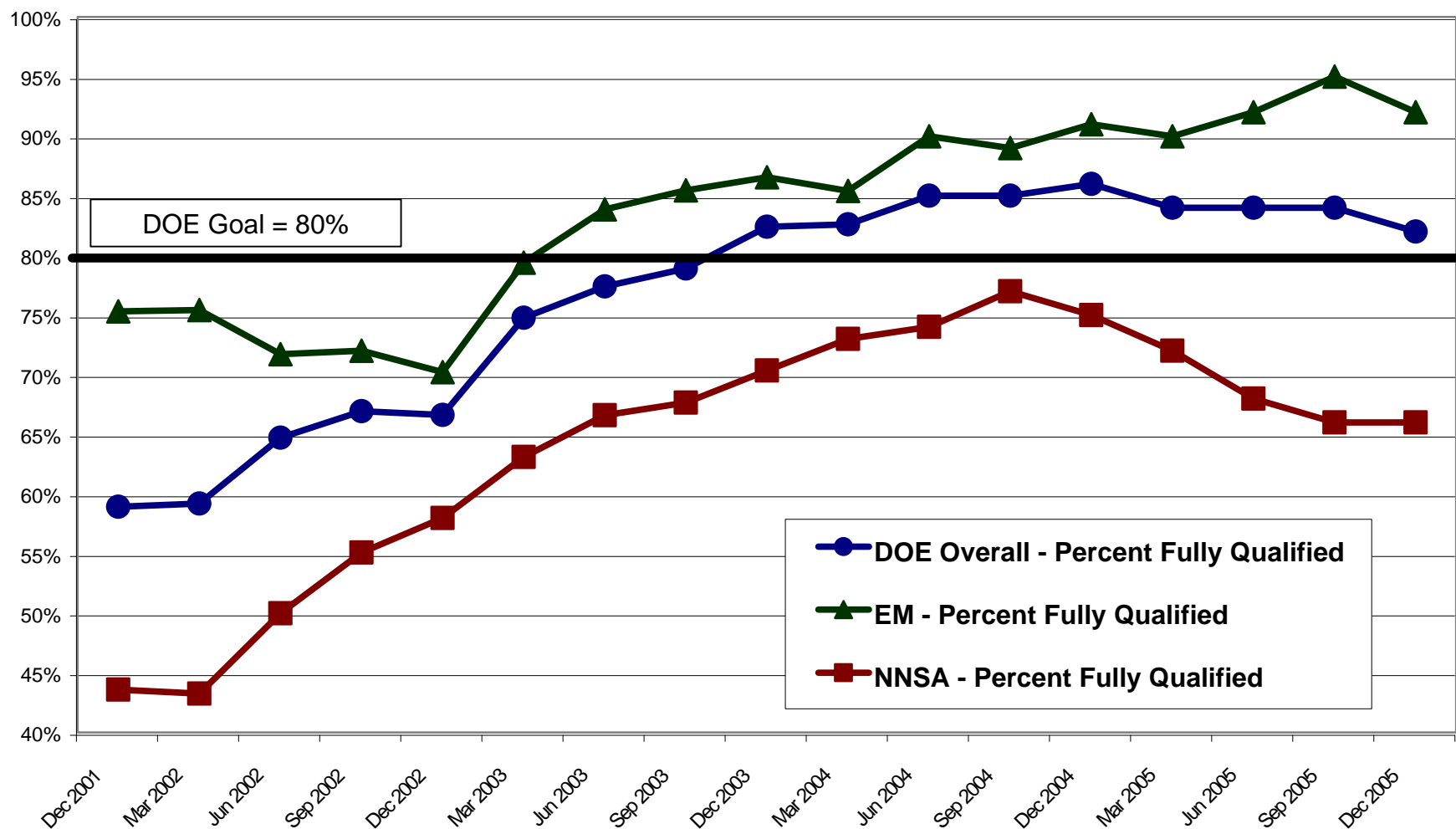
Note 7: Hiring a Fire Protection Engineer as an SSO.

Note 8: Four ORO personnel will fulfill SSO qualification requirements and will perform the equivalent of 2 FTE in the performance of SSO duties. Reduction in number of SSOs needed from previous reports is due to transition of Bldg. 3019 from SC to EM. EM will utilize existing EM SSO personnel.

Percent Qualified by Office - December 2005



DOE Trend on Technical Qualification - December 2005



DOE Trend on Overdue Qualifications - December 2005

